

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13084 - L2 Version 4
Chandra X-Ray Center

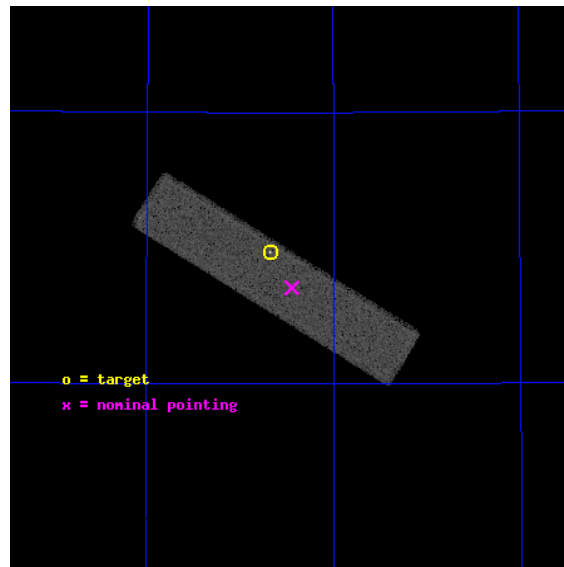
L2 Processing Date : Aug 9 2012

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1 Front

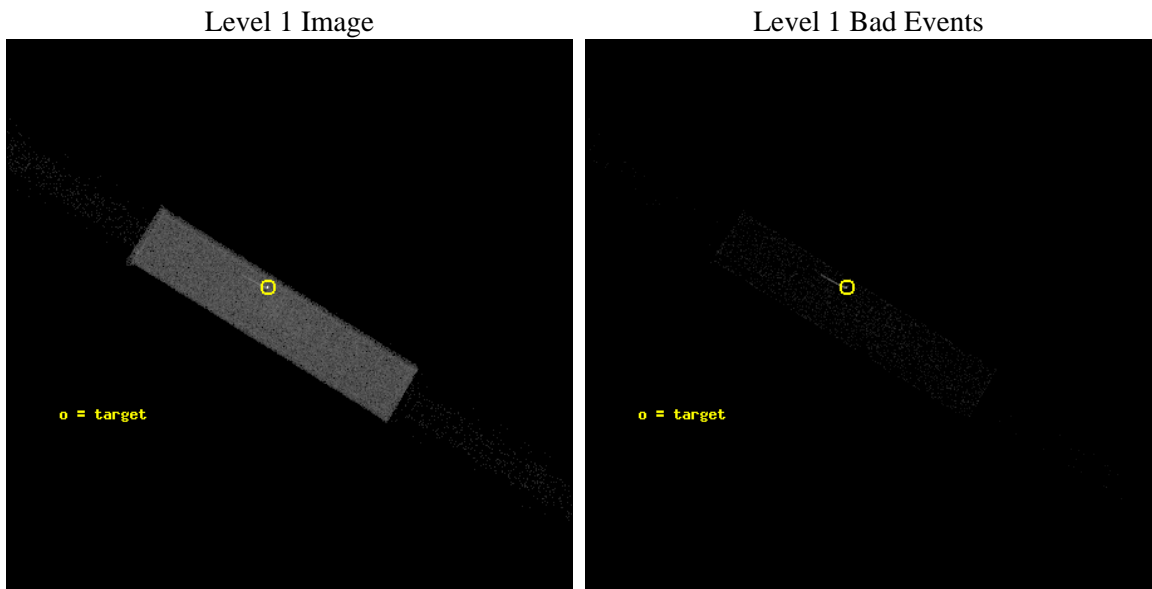
seq_num	291003	Sequence number
obs_id	13084	Observation id
title	AO-12 Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11132558859	Nominal RA [deg]
dec_nom	45.676730027818	Nominal Dec [deg]
roll_nom	211.62497297595	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1145.1813101172	[s]
livetime	1137.2018235895	Ontime multiplied by DTCOR
l2events	59212	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1145.1813101172	[s]
caldsver	4.5.1.1	 	l1events	92737	Number of level 1 events
date	2012-08-10T02:41:50	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

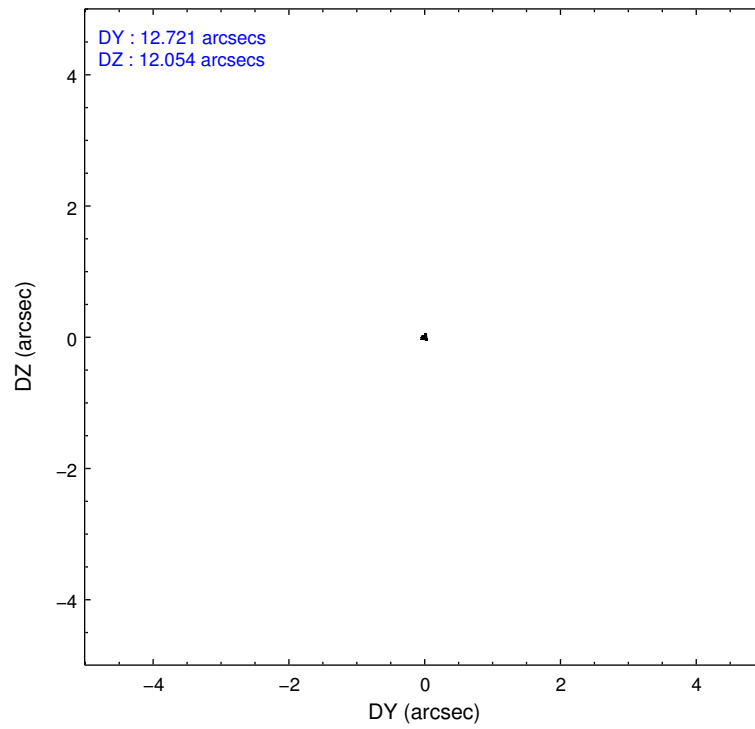
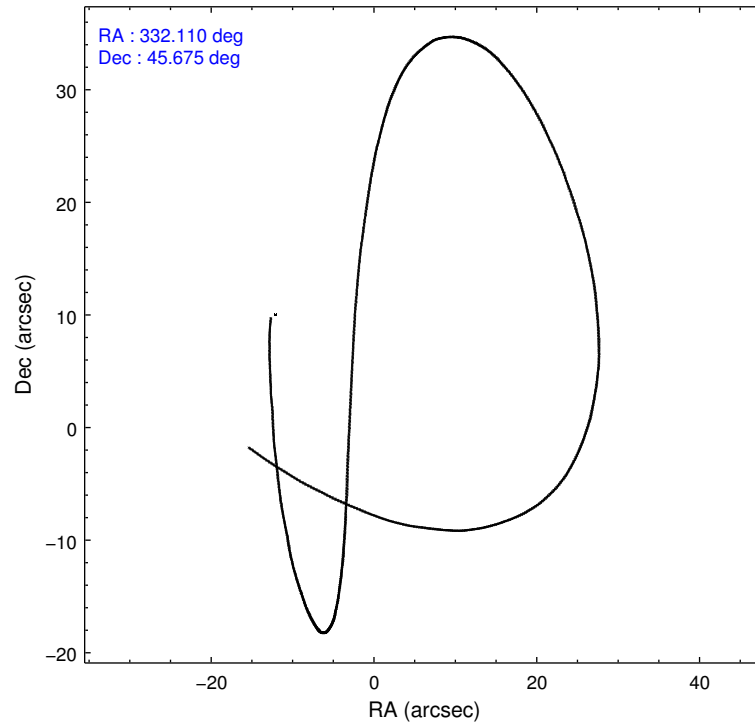
	segment 1	segment 2	segment 3
level 1 events	794	91223	720
rejected events	794	21434	720
rejected %	100%	23%	100%

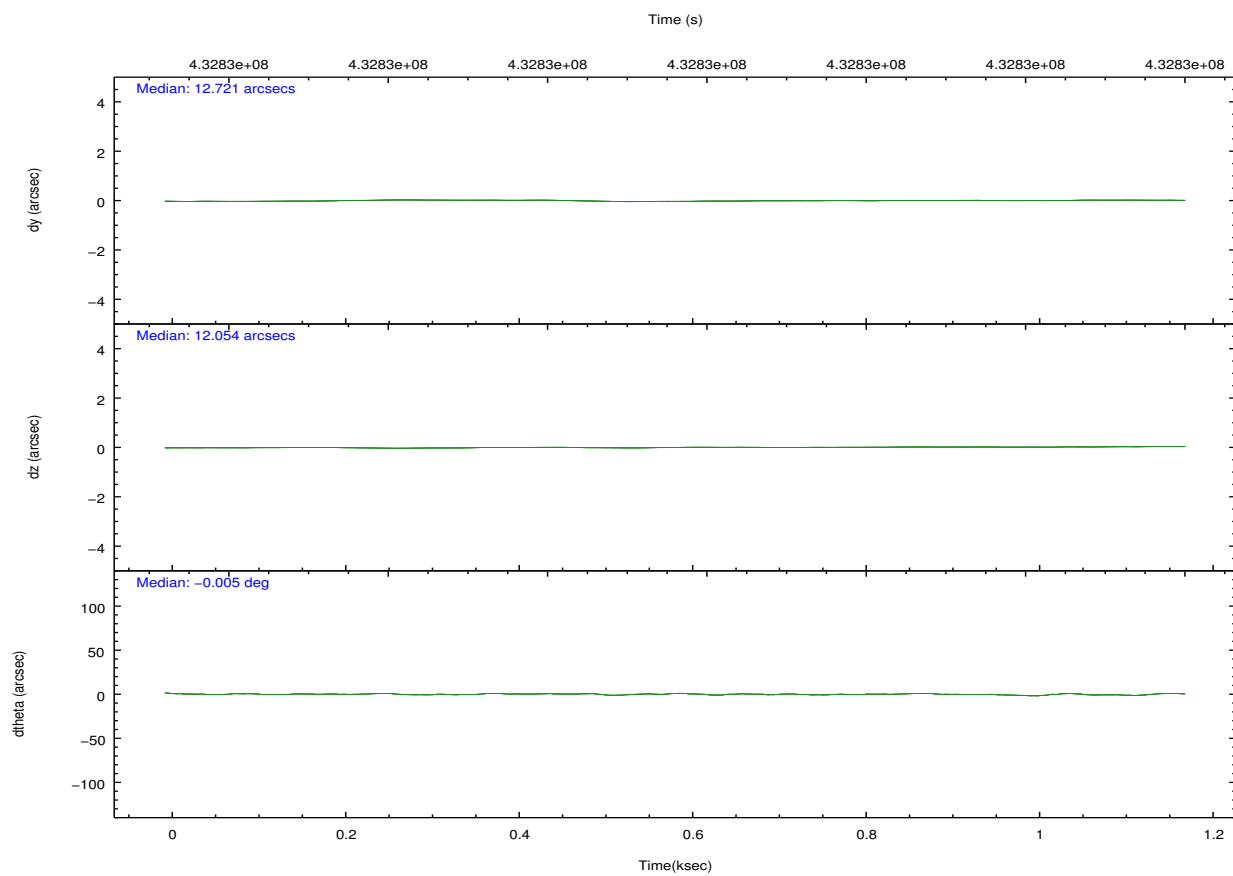
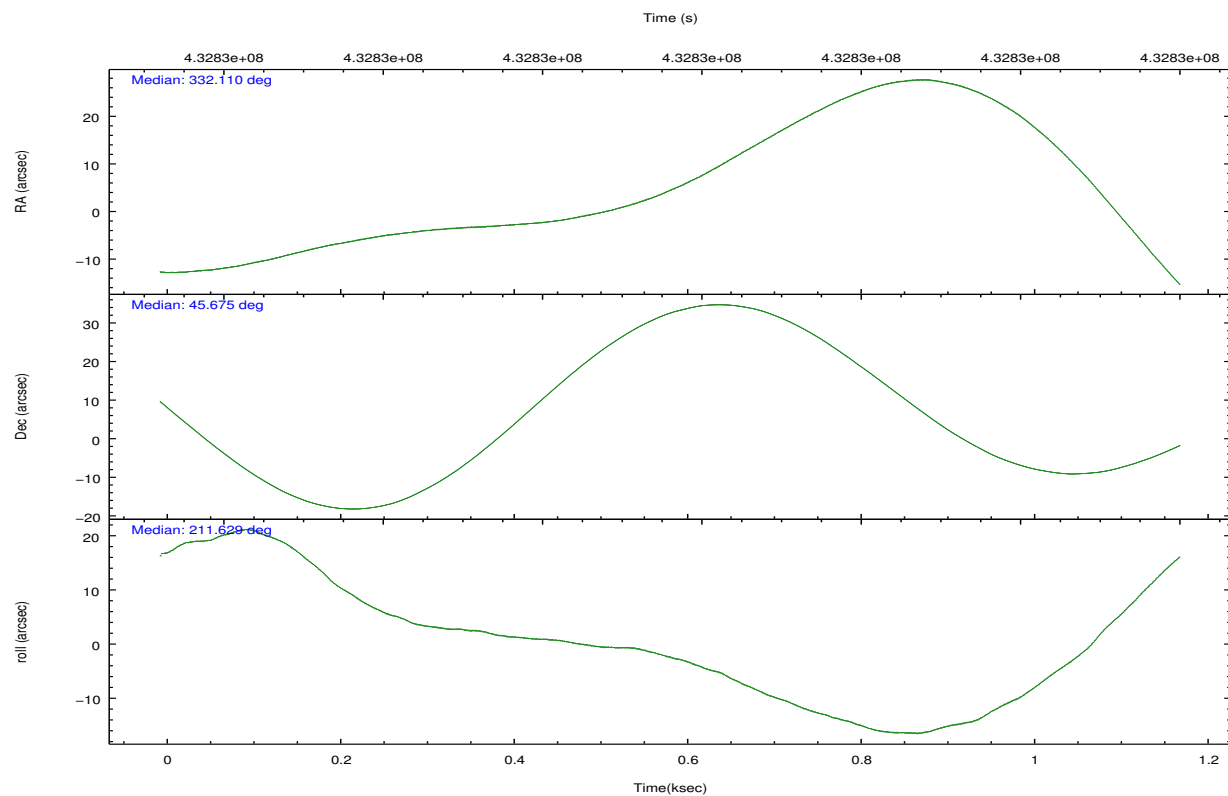
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.128495	332.1113255885856
[deg] Pointing Dec	45.703812	45.67673002781806
[deg] Pointing Roll	211.545355	211.6249729759478
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.4635187648994
[mm] SIM translation stage offset	0	-0.007540371344731511
[s] Observation start time (MET)	432826152.184000	432825775.57561
Observation start date	2011-09-19T13:28:06	2011-09-19T13:22:55
[s] Observation end time (MET)	432827152.184000	432827285.91319
Observation end date	2011-09-19T13:44:46	2011-09-19T13:48:05

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



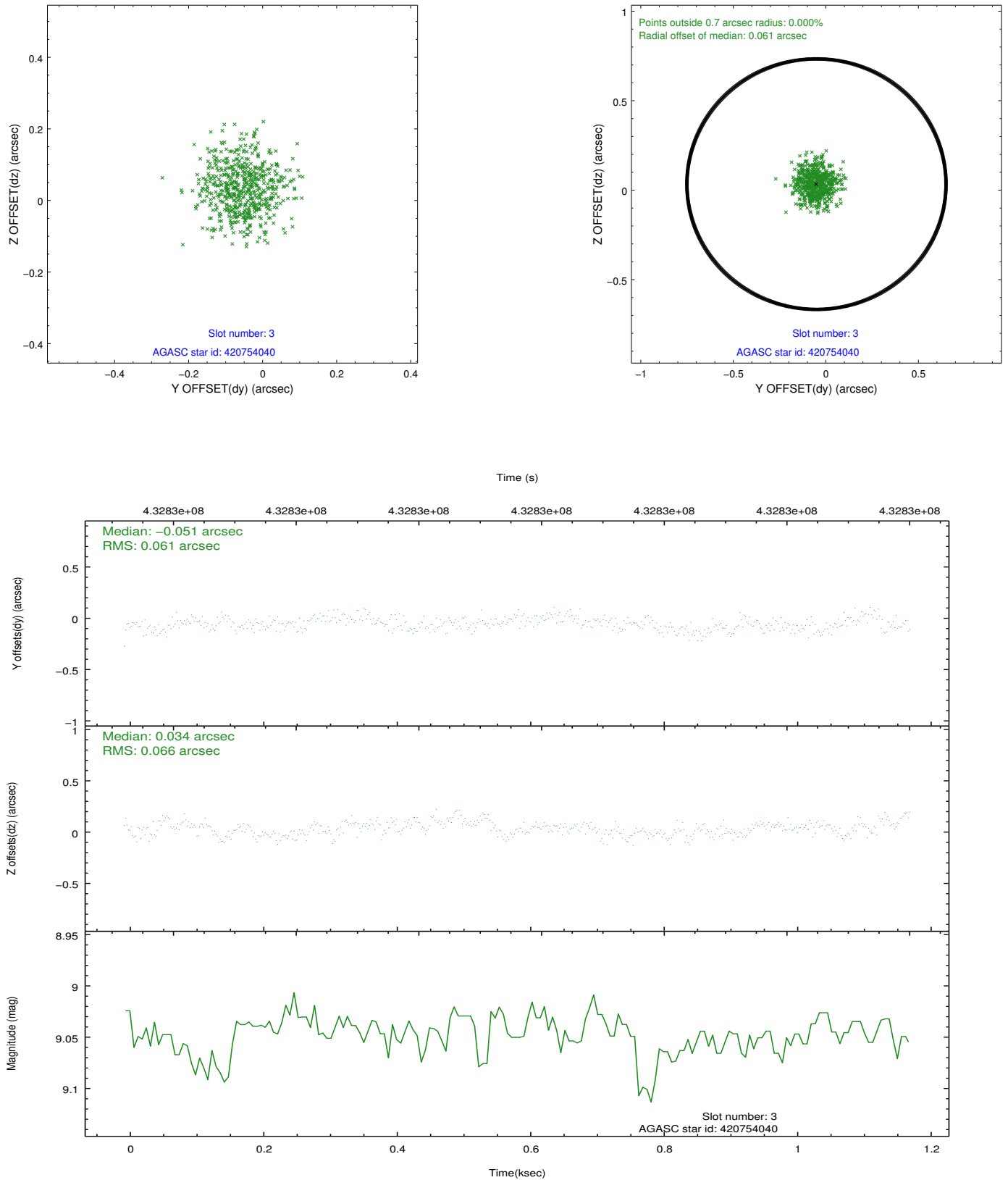


Slot Statistics

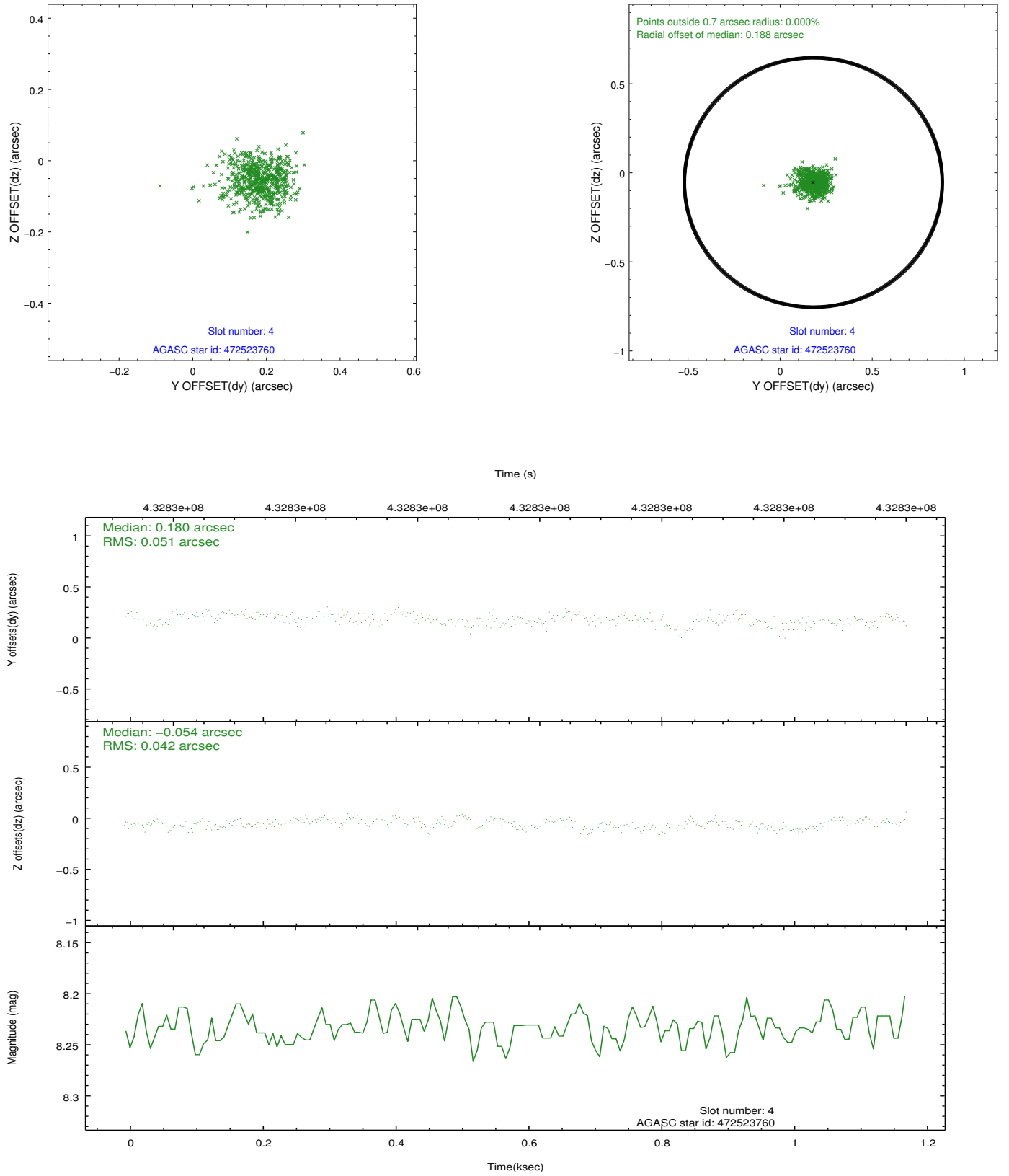
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	287	0.051	-0.117	0.007	0.010	0.000000	0.000000	-1167.07	-460.74
1	FID	HRC-S-2	6.98	287	0.272	-0.128	0.005	0.009	0.000000	0.000000	1228.74	-454.95
2	FID	HRC-S-3	6.99	287	0.066	-0.057	0.006	0.011	0.000000	0.000000	-1165.52	567.25
3	GUIDE	420754040	9.05	575	-0.051	0.034	0.097	0.154	331.917939	44.882543	2002.01	2234.24
4	GUIDE	472523760	8.23	575	0.180	-0.054	0.070	0.111	331.645363	45.403260	1607.71	279.69
5	GUIDE	472525528	6.64	575	-0.199	0.115	0.092	0.145	331.551102	45.248694	2103.27	622.57
6	BAD	472661712	10.01	508	-0.067	-0.356	0.177	0.286	331.914954	46.059715	-215.02	-1376.11
7	GUIDE	472659832	9.44	574	0.120	0.234	0.124	0.263	332.780399	46.098139	-2134.25	-370.24

2.4 Star Slots

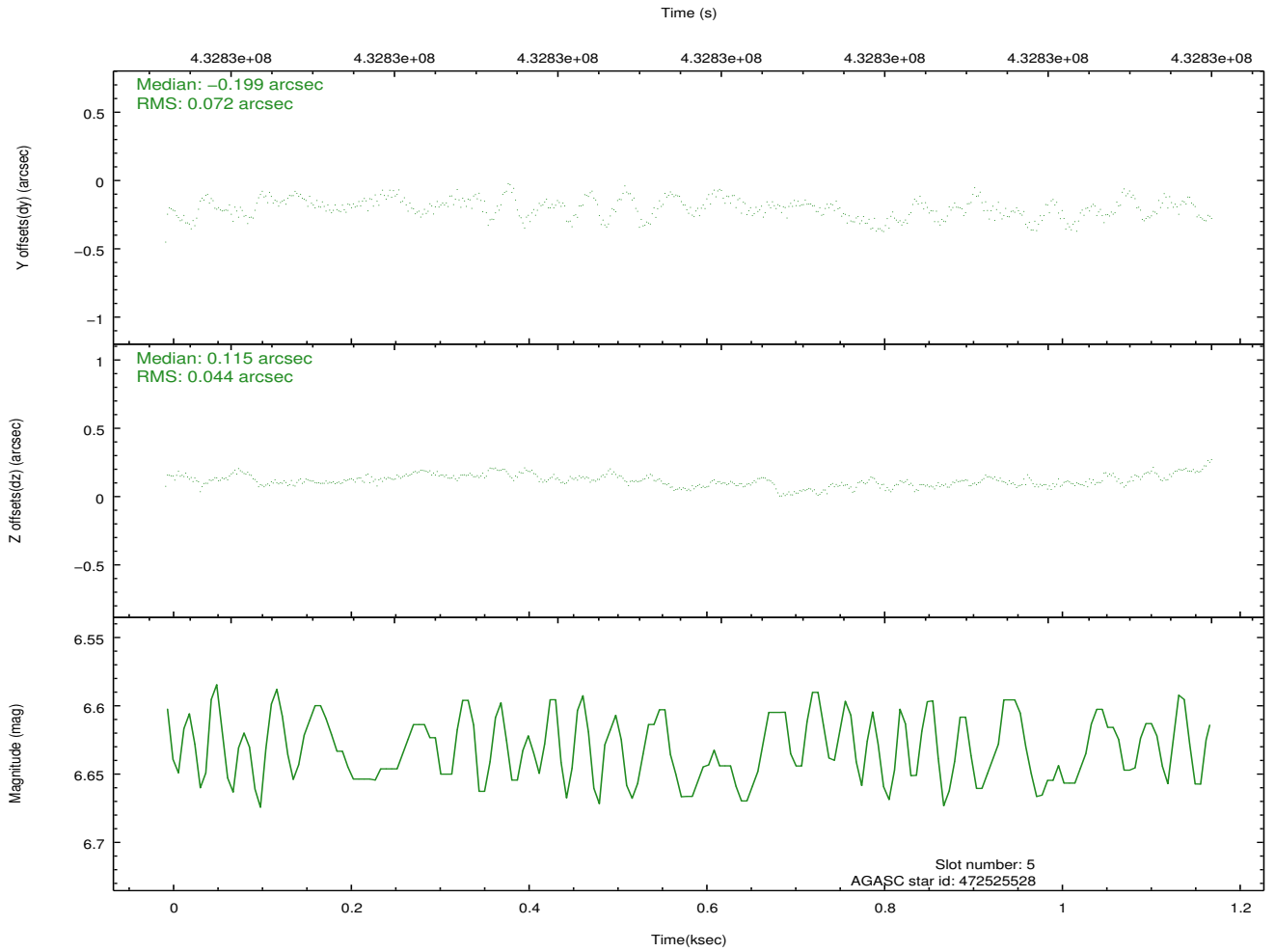
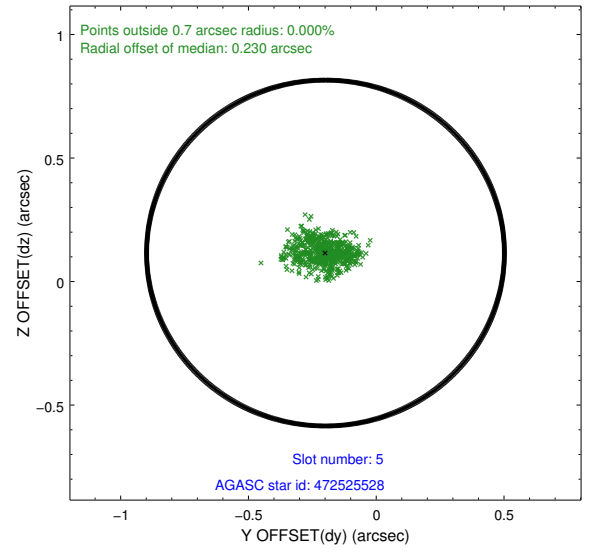
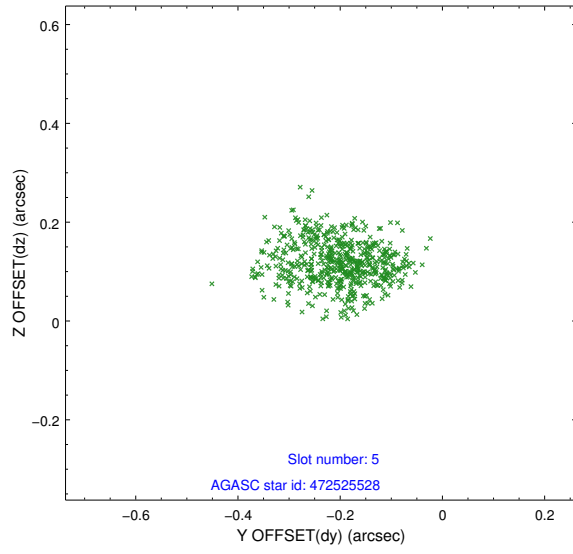
2.4.1 Slot 3



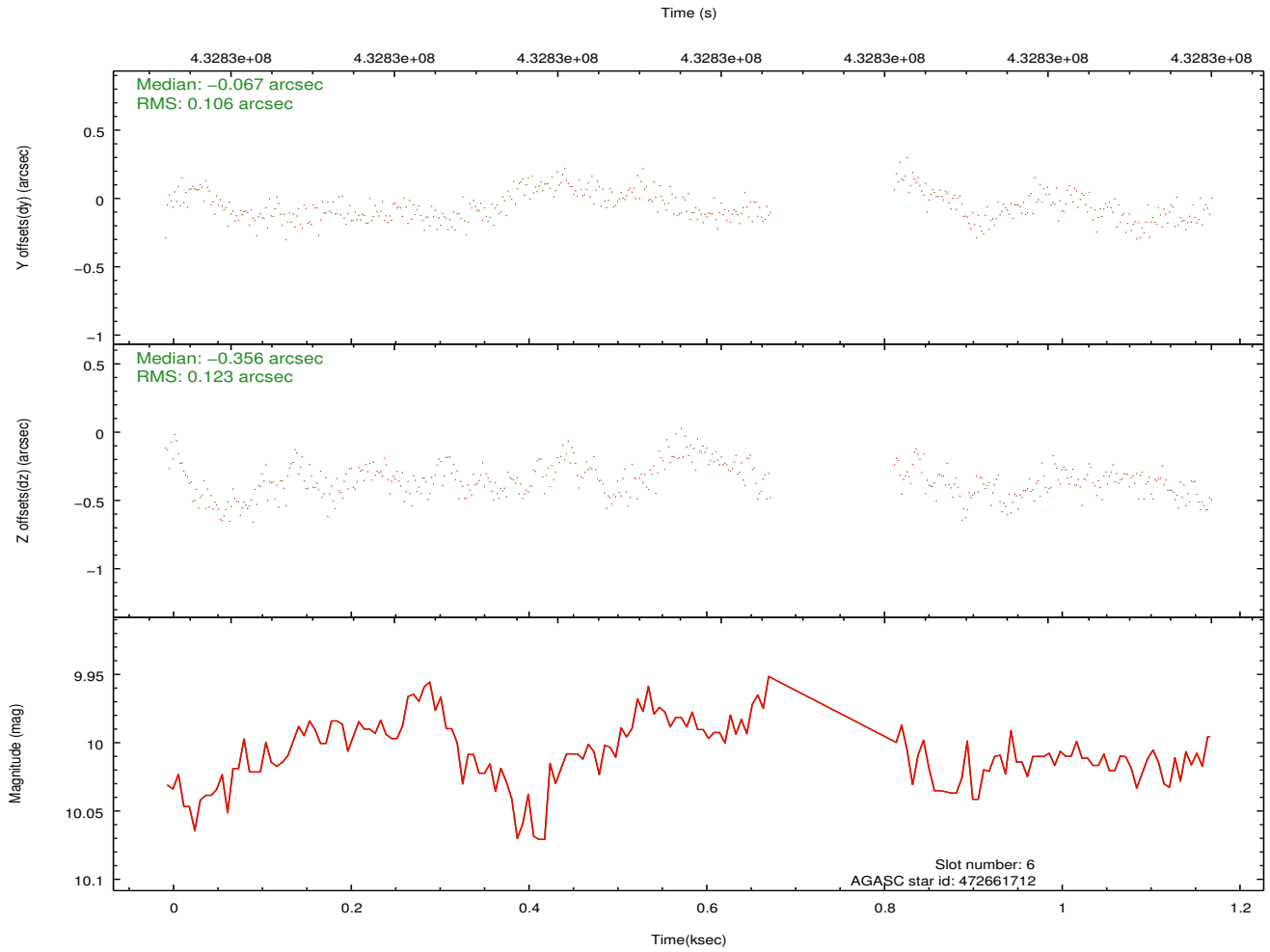
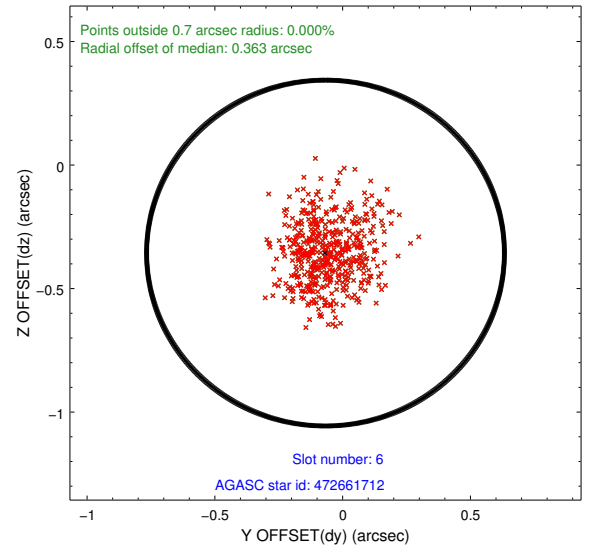
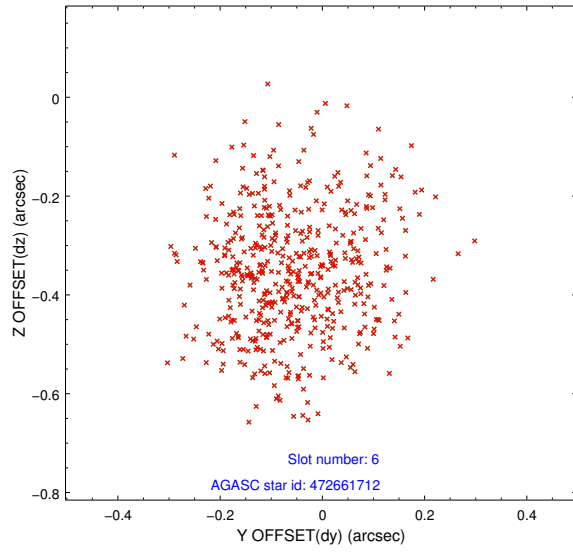
2.4.2 Slot 4



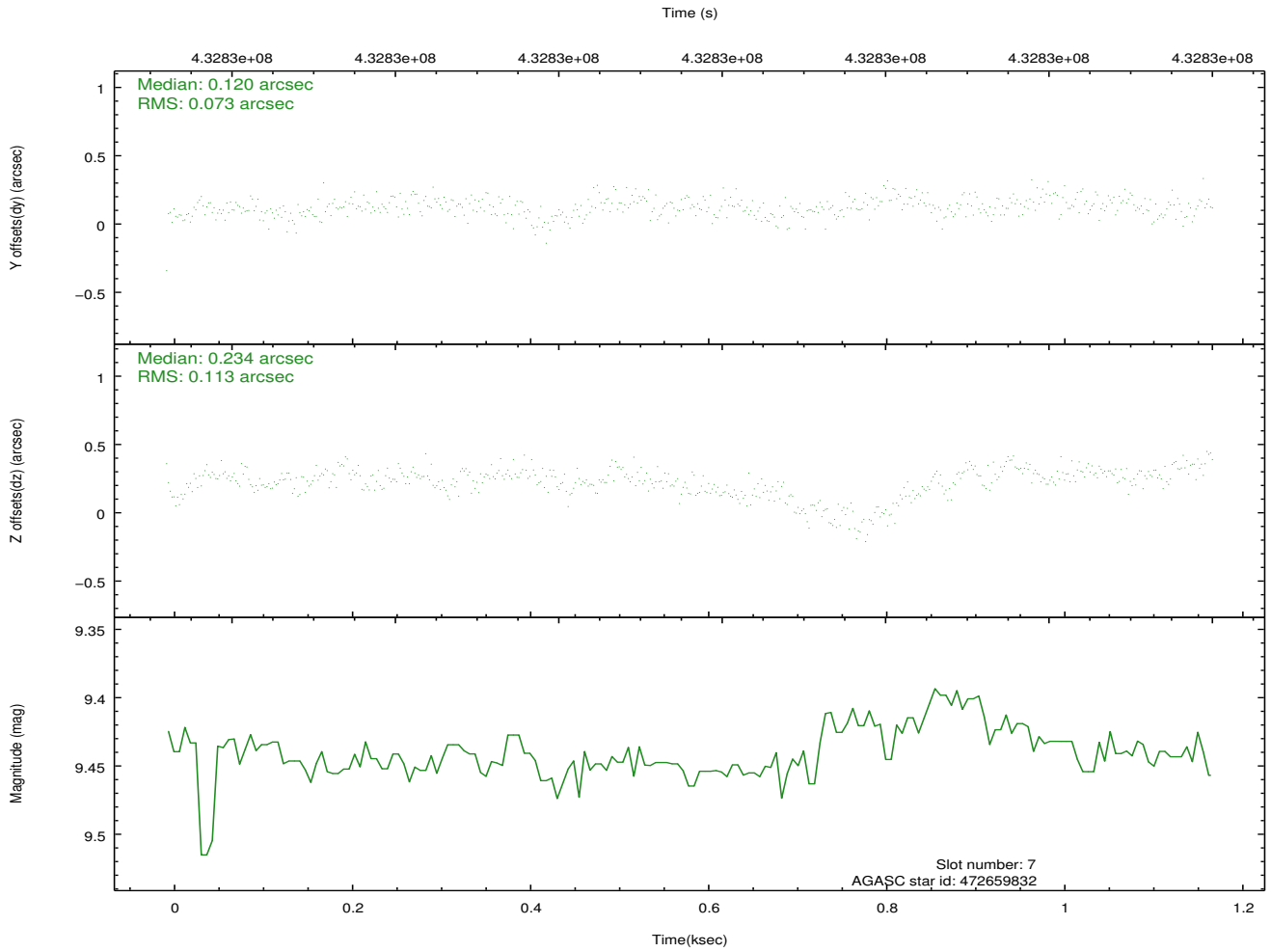
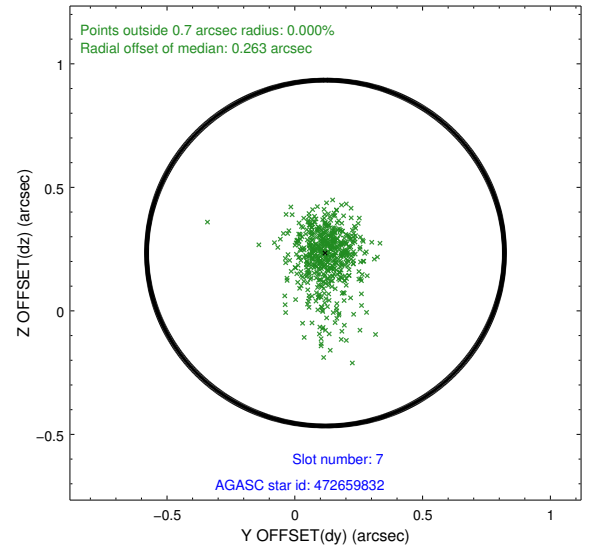
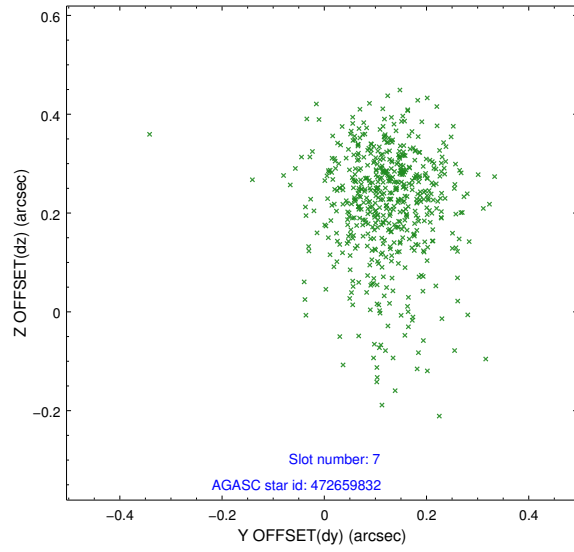
2.4.3 Slot 5



2.4.4 Slot 6

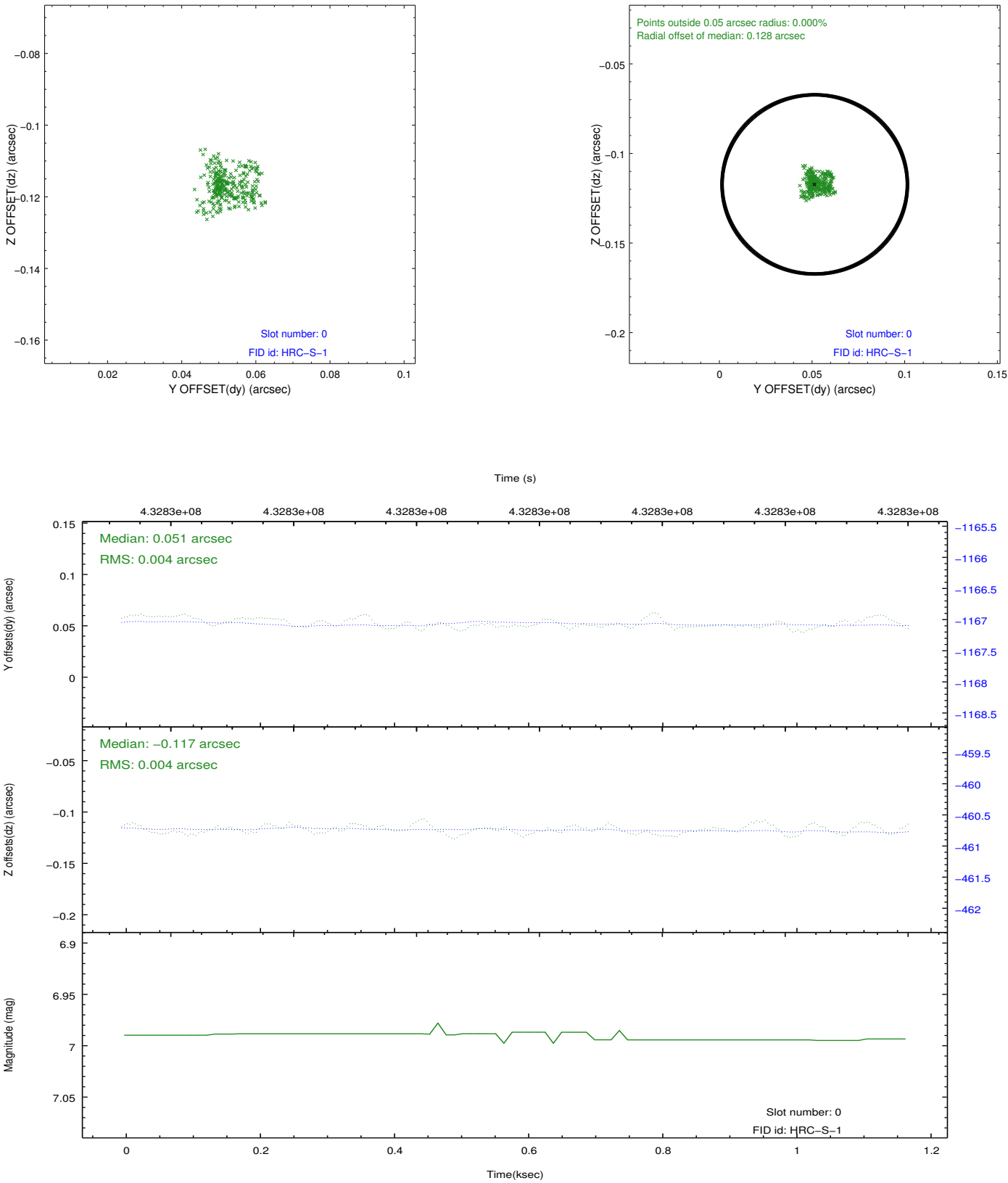


2.4.5 Slot 7

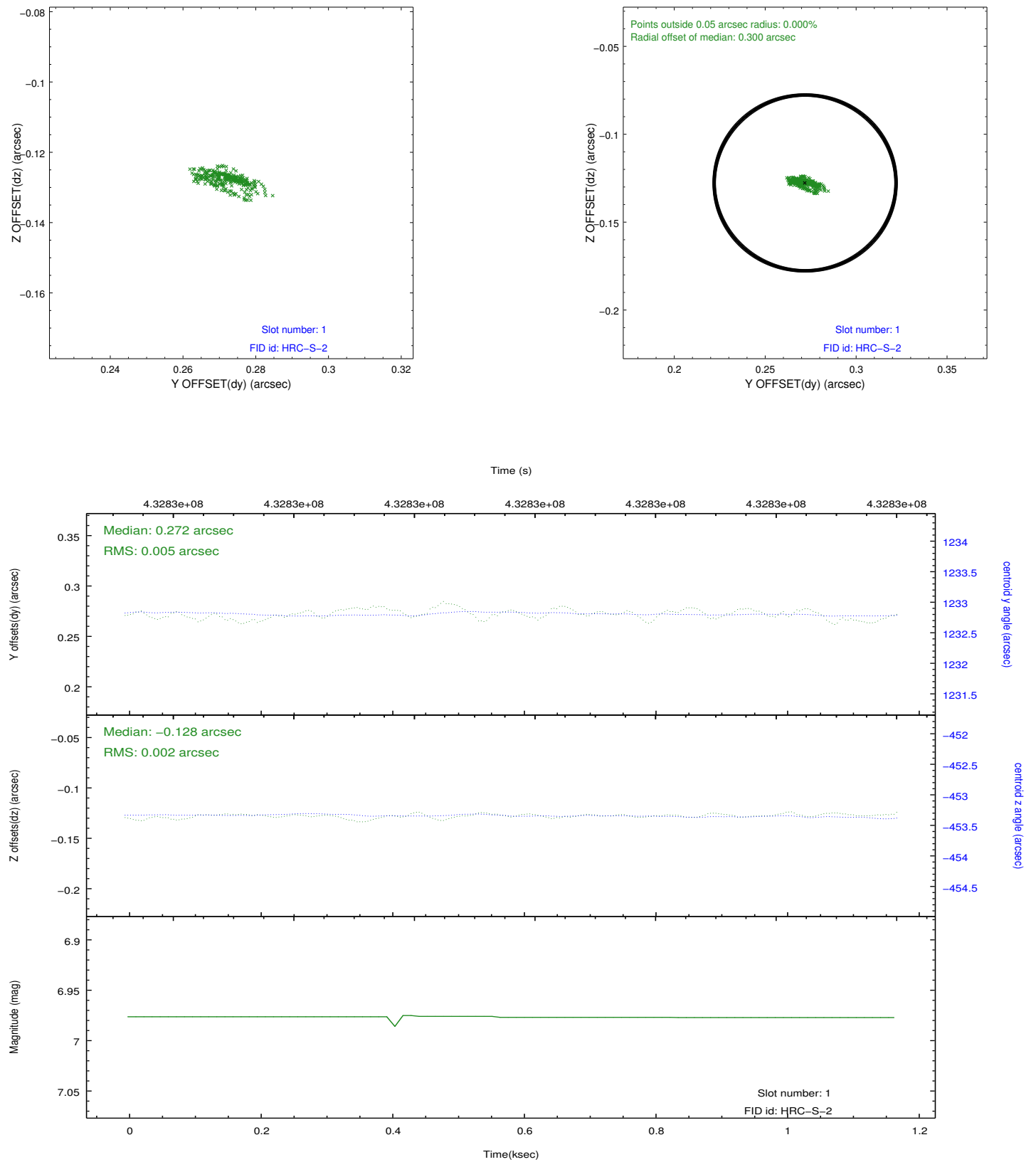


2.5 FID Slots

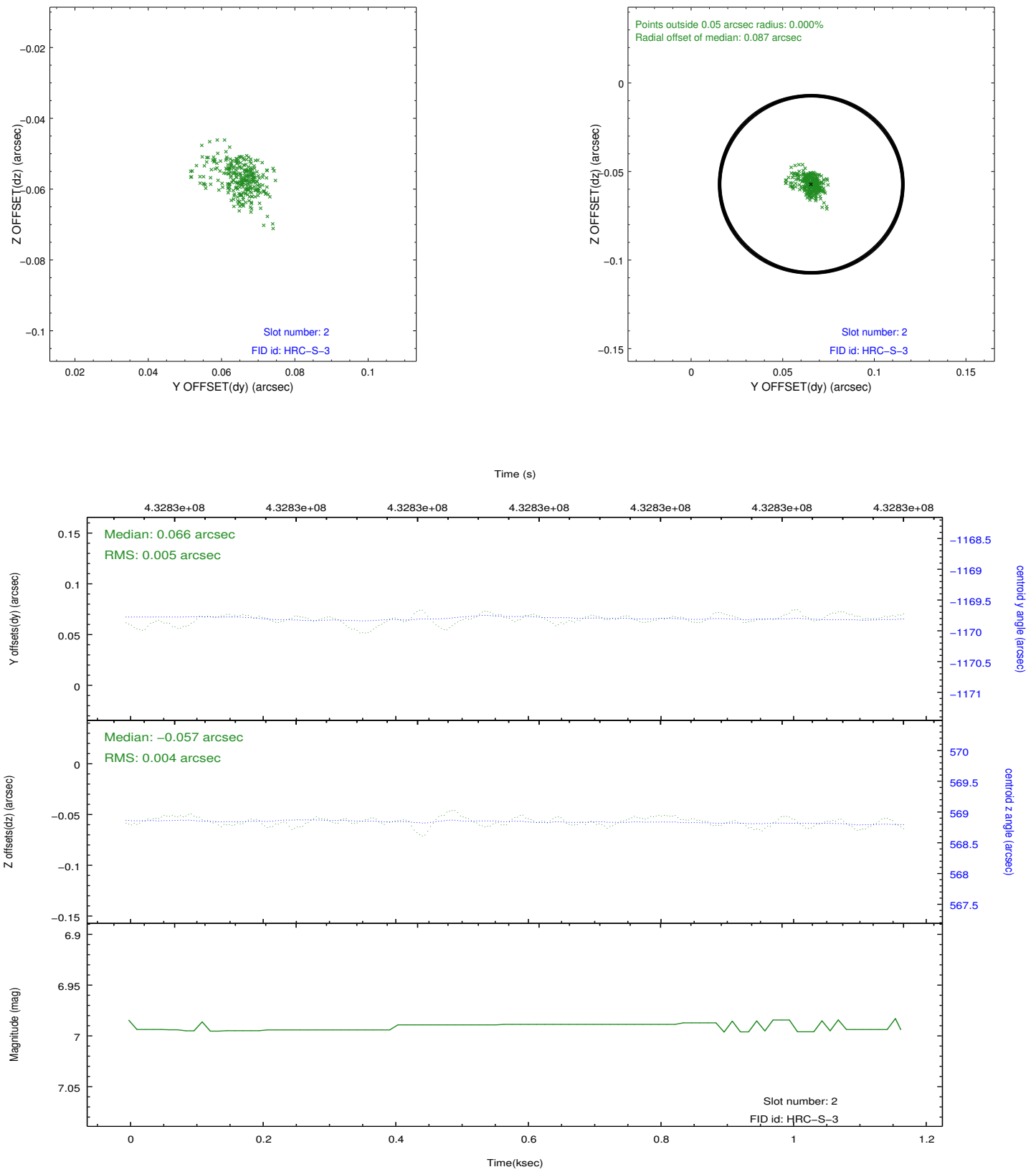
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1449250600338

A.2 Comments